

IN THE CLAIMS:

The following claims will replace all prior versions of claims in this application.

1. (Currently Amended) A contact-type sensor of an object, comprising consisting of: a sponge, and at least one membrane switch arranged thereunder.
2. (Previously Presented) The contact-type sensor of an object of claim 1, wherein said membrane switch is comprised of three layers of films, namely an input film, an insulating film and an output film, and wherein through holes are arranged in the said insulating film which is arranged between said input film and said output film.
3. (Previously Presented) The contact-type sensor of an object of claim 2, wherein a conductive film covers each surface of the input film and output film facing said insulating film.
4. (Original) The contact-type sensor of an object of claim 2, wherein contacts are arranged on each surface of the input film and the output film facing the insulating film at the locations corresponding to which said through holes are arranged in the insulating film.
5. (Previously Presented) The contact-type sensor of an object of claim 2, wherein a conductive film is attached to one of the surfaces of the input film and the output film facing the insulating film, and wherein contacts are arranged on the other surface of the input film and output film facing the insulating film at the locations corresponding to which said through holes are arranged in the insulating film.
6. (Previously Presented) The contact-type sensor of an object of claim 2, wherein the input film is arranged under the sponge, wherein an underside of the input film is covered by conductive film or arranged with contacts at the locations corresponding to which the said through holes are arranged in the insulating film, and wherein two rows of spaced apart, separate, exposed printed circuit contacts are arranged on the upper side of the output film at the locations corresponding to which said through holes are arranged in the insulating film.

7. (Original) The contact-type sensor of an object of claim 2, wherein one of the input film and the output film are integral with the sponge to obtain a conductive sponge.

8. (Original) The contact-type sensor of an object of claim 2, wherein one of the input film and output film are integral with the surface of the object.

9. (Previously Presented) The contact-type sensor of an object of claim 2, wherein said input film and output film are metal films.

10. (New) The contact-type sensor of an object of claim 1, wherein the sponge is a conductive sponge and wherein the membrane switch has an input film, an output film and an insulating film.

11. (New) The contact-type sensor of an object, comprising: a sponge, and at least one membrane switch arranged thereunder, wherein said membrane switch is comprised of three layers of films, namely an input film, an insulating film and an output film, wherein through holes are arranged in the said insulating film which is arranged between said input film and said output film and wherein one of the input film and the output film are integral with the sponge to obtain a conductive sponge.

12. (New) The contact type sensor of an object of claim 11, wherein a conductive film covers each surface of the input film and output film facing said insulating film.

13. (New) The contact-type sensor of an object of claim 11, wherein contacts are arranged on each surface of the input film and the output film facing the insulating film at the locations corresponding to which said through holes are arranged in the insulating film.

14. (New) The contact-type sensor of an object of claim 11, wherein a conductive film is attached to one of the surfaces of the input film and the output film facing the insulating film, and wherein contacts are arranged on the other surface of the input film and output film facing the insulating film at the locations corresponding to which said through holes are arranged in the insulating film.

15. (New) The contact-type sensor of an object of claim 11, wherein the input film is arranged under the sponge, wherein an underside of the input film is covered by conductive film or arranged with contacts at the locations corresponding to which the said through holes are arranged in the insulating film, and wherein two rows of spaced apart, separate, exposed printed circuit contacts are arranged on the upper side of the output film at the locations corresponding to which said through holes are arranged in the insulating film.

16. (New) The contact-type sensor of an object of claim 11, wherein one of the input film and output film are integral with the surface of the object.

17. (New) The contact-type sensor of an object of claim 11, wherein said input film and output film are metal films.